T00250 - 6455656

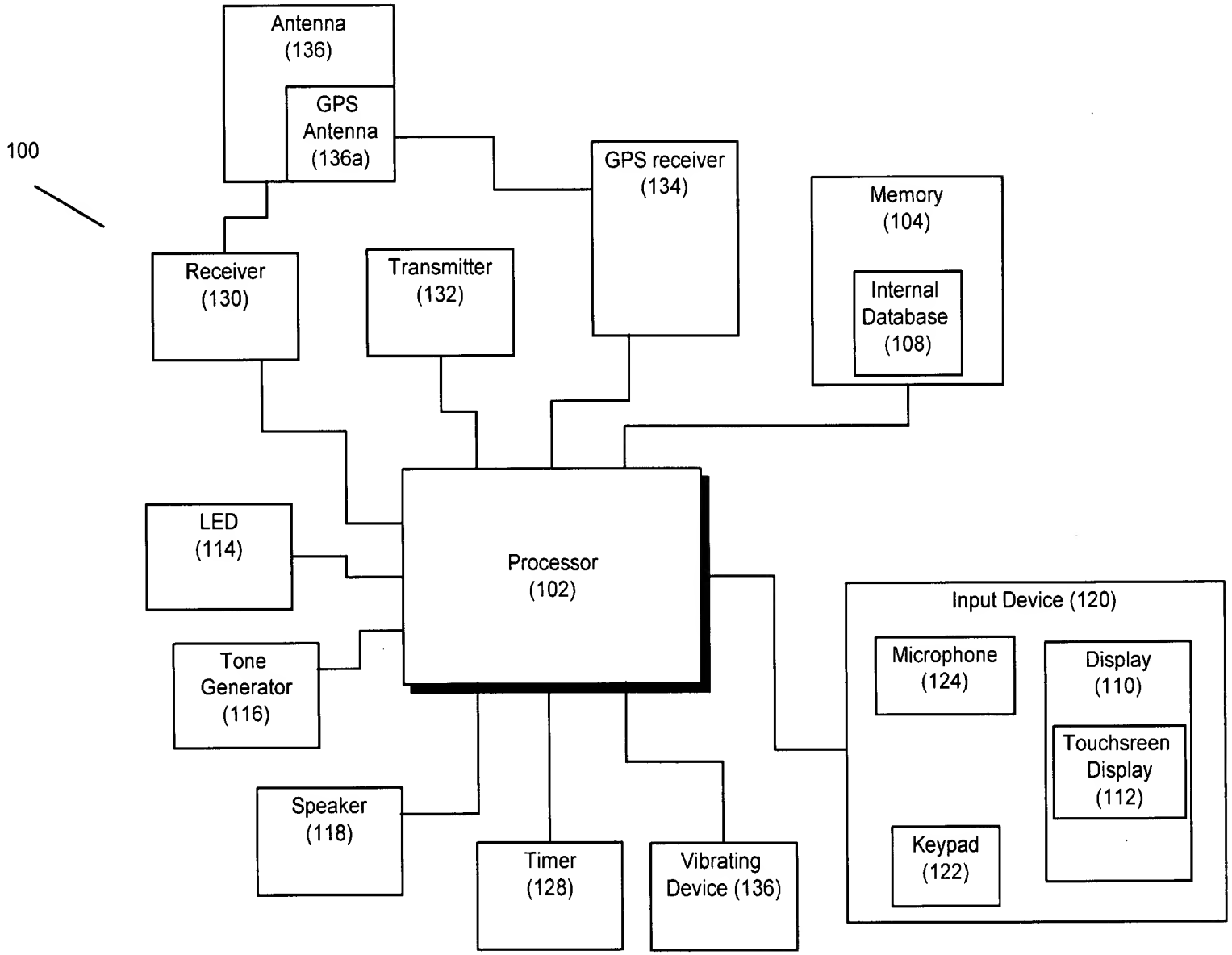

FIG 1

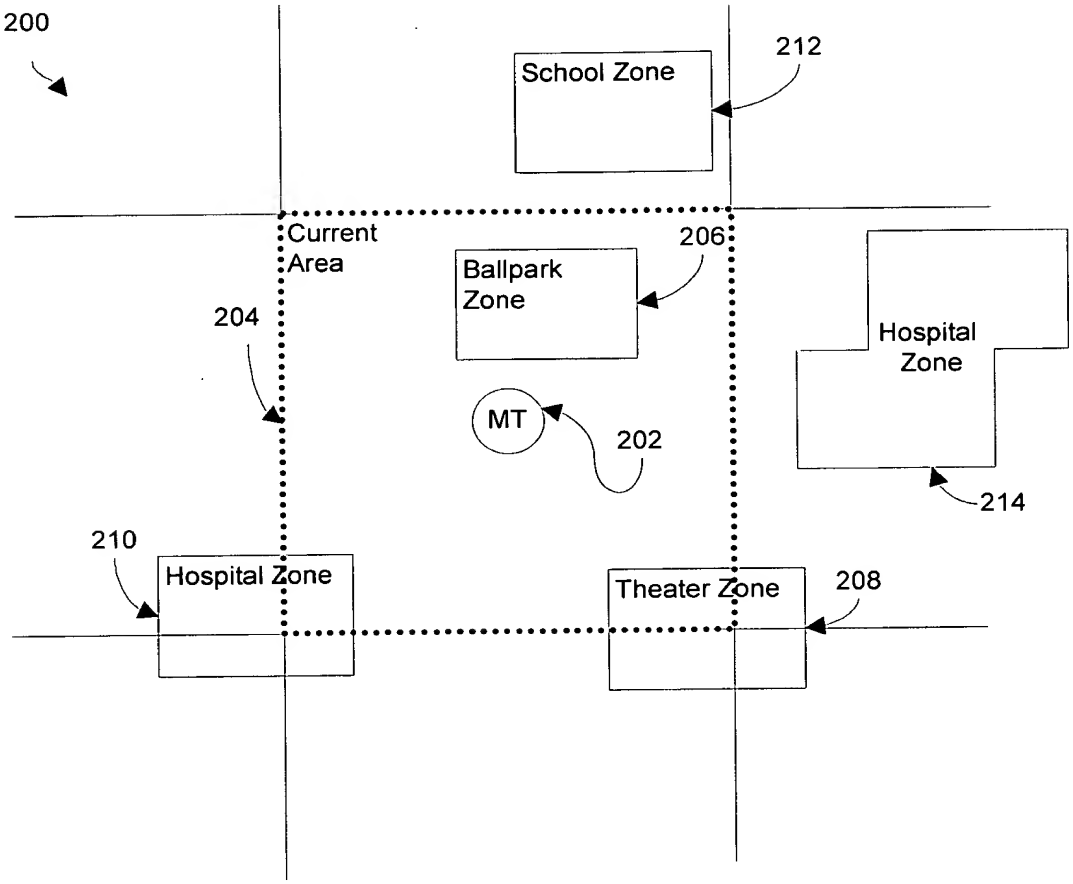
200
School Zone
212
Current
Area
206
Ballpark
Zone
204
Hospital
Zone
MT
202
214
210
Hospital Zone
Theater Zone
208

FIG. 2

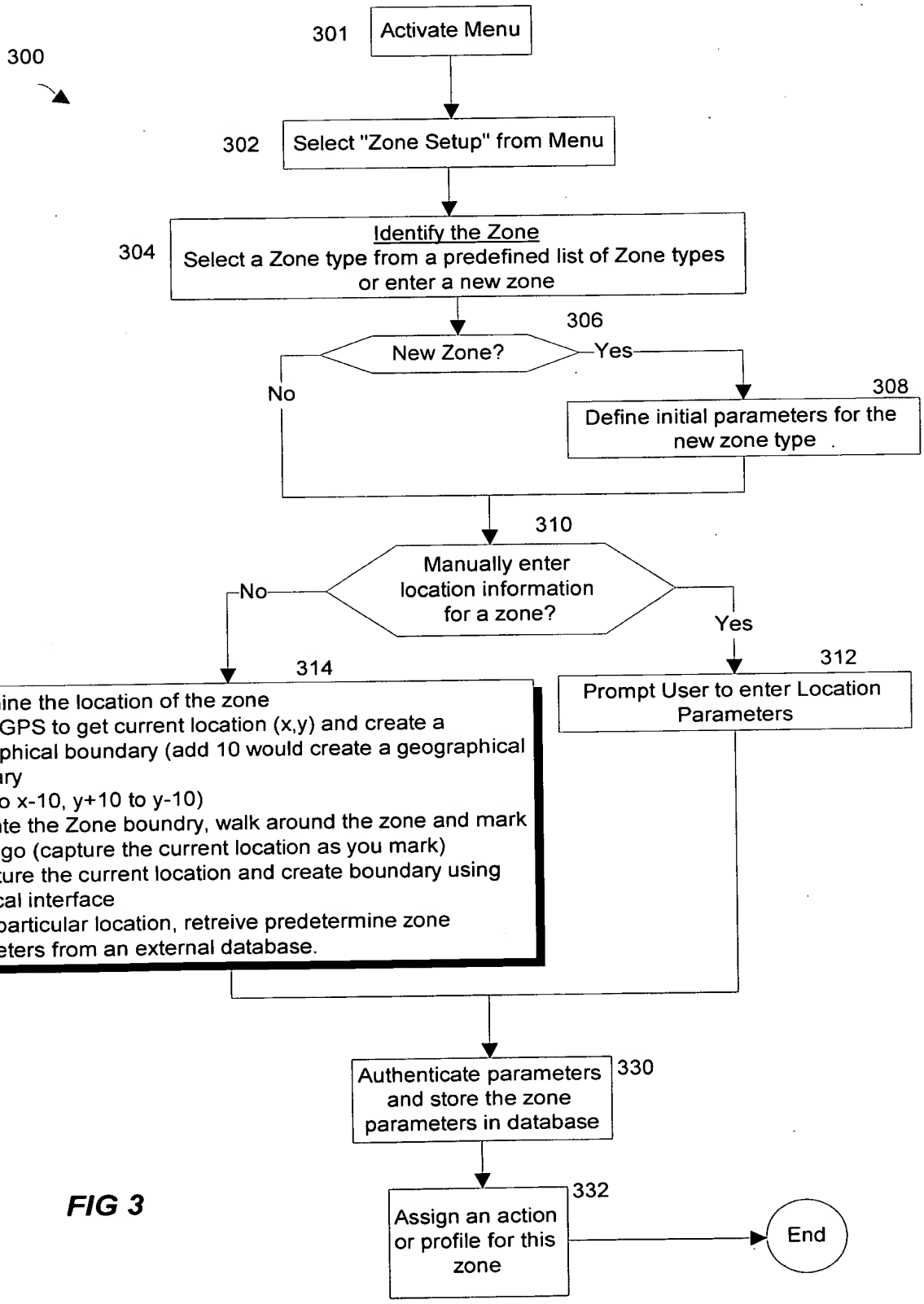
300
301
Activate Menu
302
Select "Zone Setup" from Menu
304
Identify the Zone
Select a Zone type from a predefined list of Zone types or enter a new zone
306
New Zone?
Yes
No
308
Define initial parameters for the new zone type
310
Manually enter location information for a zone?
No
Yes
312
Prompt User to enter Location Parameters
314
Determine the location of the zone
1. Use GPS to get current location (x,y) and create a geographical boundary (add 10 would create a geographical boundary
(x+10 to x-10, y+10 to y-10)
2. Create the Zone boundry, walk around the zone and mark as you go (capture the current location as you mark)
3. Capture the current location and create boundary using graphical interface
4. For particular location, retreive predetermine zone parameters from an external database.
330
Authenticate parameters and store the zone parameters in database
332
Assign an action or profile for this zone
End

FIG 3

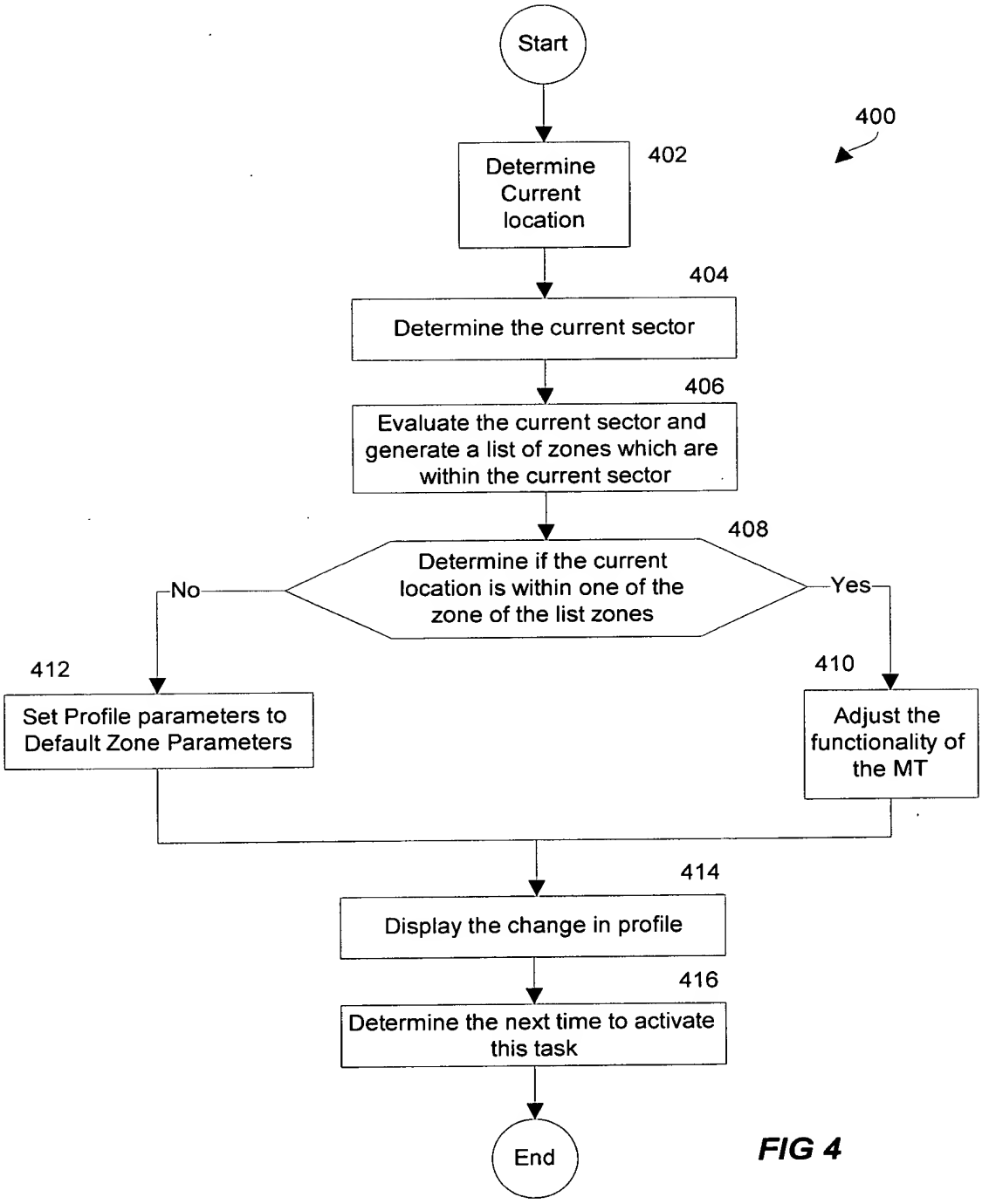
Start
400
Determine Current location
402
404
Determine the current sector
406
Evaluate the current sector and generate a list of zones which are within the current sector
408
Determine if the current location is within one of the zone of the list zones
No
Yes
412
Set Profile parameters to Default Zone Parameters
410
Adjust the functionality of the MT
414
Display the change in profile
416
Determine the next time to activate this task
End

FIG 4